

Lack of Pesticide Regulation Devastating the Honeybee and Human Population

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#beegreen #savethebees #beeyond pesticides

Background

- Impact our environment and our daily lives
- Pollination
- We NEED BEES!





Importance of Bees

- Pollinators contribute to an annual amount of \$24,000,000,000
- Native pollinators
 - bumblebees, squash bees, mason bees
 - contribute over \$3,000,000,000
- Without bees, where would we be?

**1 in every 3 bites of
food**

is pollinated by bees

Don't fear bees!

- Out of fear, people destroy wild colonies
- Environmental damage
- Unnecessary extermination of bees
- Contributing to the rapid decline of bee populations worldwide



The Issue

- Rapid rates of decline
- 40% of U.S. honey bee colonies died in 2019
- Issues primarily stemming from pesticides in the agricultural industry



What are Neonicotinoids?

- Insecticides
 - Acetamiprid,
 - clothianidin,
 - dinotefuran,
 - imidacloprid,
 - Thiamethoxam
- Deadly to bees!



The Dangers



- Impairs abilities in feeding and foraging
- Higher rates of disease
- Thousands of bee colonies across the nation collapsing

Legislation

EPA Restrictions

- 2017 honey contract Rulings

This does NOT protect

- Runoff
- Native Bees
- Non commercial contracted Honey producing hives

Refusal to follow through on Obama administration-era propositions

- Waterways
- Crossroads of pollination for bees.



Biggest Neonic Usage Offenders

syngenta

MONSANTO 



Dow AgroSciences

DUPONT 

LOCAL

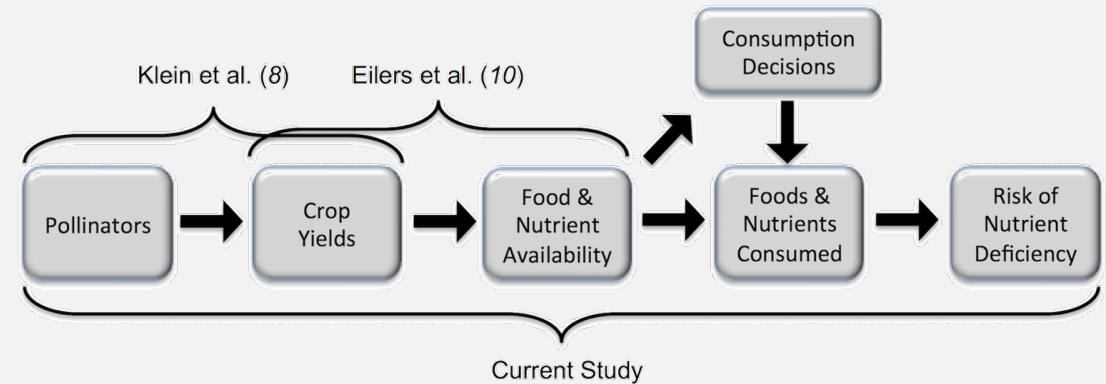


How are people being affected?

- Farmers
 - Decrease in crop diversity
 - Decrease in yields
- Beekeepers
 - Hive failures (economics)
 - Rising beehive rental fees
- Consumers
 - Rising pollination demand, dropping bee population
 - Vitamin A deficiencies, blindness, disease mortality rates (malaria)

Societal Impacts

NATIONAL



How are people being affected?

- Farmers
 - Crop production stats
- Beekeepers
 - 10 million beehives lost across US, appx. \$200 each
 - Commercial beekeeping in jeopardy
- Consumers
 - 1/3 of the food we eat could disappear for shelves
 - diagram

LOCAL AND NATIONAL

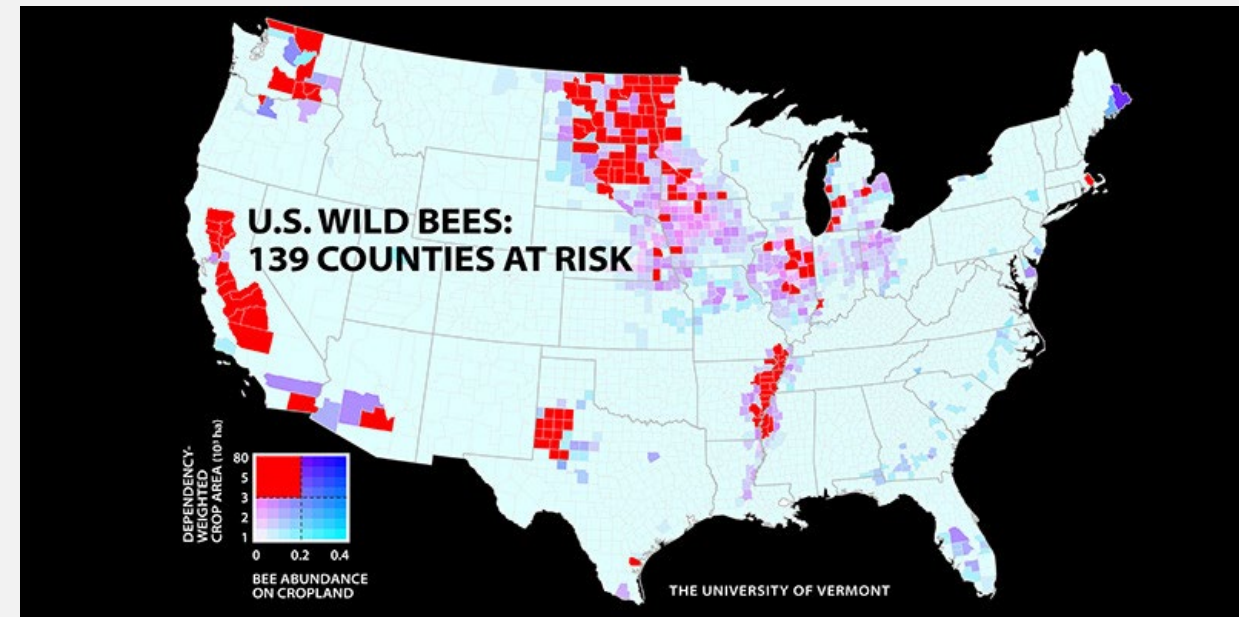


How are bees are being affected?

- Wild bees and extinction
- Commercial bees infect healthy wild bees
- Wild bee abundance

To the right: The red shows areas affected with “a falling bee supply and rising crop pollination demand”

Environmental Impacts



Alternatives

- Biocontrol
- Polyculture
- Natural barriers
- Biopesticides



Alternatives

- Biocontrol
- Polyculture
- Natural barriers
- Biopesticides

OUR VISION

- Create a more sustainable environment for humans and all life, where all pollinators are protected
- Increase the global bee population
- Ban Neonics and find alternatives that are NOT harmful to bees!

How YOU can help!





*Saving the
bees from
pesticides*

HOW YOU CAN HELP



GROW
BEE-FRIENDLY
PLANTS



DON'T BUY
PRODUCTS
THAT CONTAIN
NEONICS



JOIN THE
BEE ACTION
CAMPAIGN



LEARN
MORE TIPS
BELOW

More ways to help!

- Plant a pollinator garden!
- Reach out to your local and state legislators and demand a bee friendly legislation / policy
- Use alternatives to pesticides
- Educate yourself further:
 - [The Pollinator Protection Act](#)
 - [The Federal Insecticide, Fungicide, and Rodenticide Act](#)
 - [EPA will not ban use of controversial pesticide linked to children's health problems](#)
 - [Why do we need bees?](#)

Visit our website!

<https://jjasminehhernandez.wixsite.com/greenbees>

**On behalf of the Green Bees,
Thank you!**

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